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            Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 3, Application US/09494297
GENERAL INFORMATION:
APPLICANT: PODBIELSKI; ANDREAS
TITLE OF INVENTION: COLLAGEN-BINDING PR
FILE REFERENCE: PO6628USO/BAS
CURRENT APPLICATION NUMBER: US/09/494,2
CURRENT FILING DATE: 2000-01-31
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 2229
;;
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TYPE: DNA
ORGANISM: Streptococcus
-09-494-297-3
                                                                                                                      MBER: US/09/494,297
2000-01-31
                pyogenes
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PROTEINS

FROM

STREPTOCOCCUS

PYOGENES

Query Match Best Local Similarity Matches 1372; Conser

Conservative

0

Score 720.8; Pred. No. 3.36 0; Mismatches

3.3e-140; ches 787;

Length

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Gaps

11;

31.7%; 61.6%;

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gcctgttgttcctacaggagttgatcaaagatcaatggcta	ttgaaaataataaa		Qy
agtcagtaggtaaggatataacagaagacaaaaaagtc	gt	2035	Db .
cagtttcaaaaacaggaataacaagtgatgagacacttgc	agaagtagcaaat	2077	Qy
tcaaagaaacagattctgaaggctataaggttaaagttaatago 	ggttattcttaccttg	2017 1975	Дy
tctaaagcatggtgacaccataagaatagaaggattaccg	gaaatattcattt	91	Db
catggggaaagtttaacacttcaaggtttaccag	gtaaagcaacca	1957	Qy
ttaacactctaaaaactaataatcaagatttag	tggacagcct	5	Db · ·
ataaaactaaaggcttccaatttgaacttgagttgaaagataa ctcaaactattaaaacagattaaaacaaacttgagttgaaagataa	rcggtgagttggga	1795	O D
acagaactaaagatttccattttgaaattgaattaaaaaataat	ctggtttagct	83	Qy
	gaagataaaaagcaag	1735	Db
gttatacctgtaactcataatttaacattgagaaaaacgg	aagataaaaaa	1780	Qy
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gaactcagtggcatccagaagatttagttgatattattcgtat	atcaatctcttat	72	νο
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acttaaaaaccttaaaaacttataacaatgggaaaggttacca	ttacagacagtgo	49	Db
aattagataaggataaactaaa 	actgatagt	55	Оу
agtttcgcgcggctactcagcttgcta	agctataatggattaa	1435	Db
tgagacacaattgcgtgcggctactcagttagcaatatatta	atagtggtcta	1492	Qy
liiiiiiii aaaaagta	ttcttaaagcacatta	1381	Db
aaaaagtaattgagaagggttacagggaaaaaggacaagctat	tettaaaacatat	1432	Qy
	 acggcaggtagtgact	1321	Db
tctttaaatatactgtgaaaccaagagataccgatcctg	ttgcaggtcgtgac	1372	Q
	gatagtggtgagacta	1261	Db
actopagactttacaacaggagaagtaaaatacactoa	atggtgggaaaaca	1315	Qy
totactgcttcaatgctgatttacactcaccacctgactcatat	aaaagttcacaagttg	N	Db
ctattgctttaatgcagatctaaaatctccaccagactctga	aagttcacaggtt	1255	Оу
gttttactccatacggaaaattctattacgctacaaataaggat	agtactct	1141	Db
tacacaaaactatgcaaaaattttattatgcaaaaaataaaaa	aatttagcgtt	1195	Qy
	aatccaaacaaagaag	1081	Дb
gtagagccttactcagtagaagcatataatgattttga	atcccaataaagag	1138	Оу

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US-09-739-449-451/c
Sequence 451, Application US/09739449
GENERAL INFORMATION:
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Approbacterium tumefaciens
FILE REFERENCE: 38-10(15490)C
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; LOCATION: (1)..(902)
; OTHER INFORMATION: unsure
US-09-739-449-1929
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CURRENT FILING DATE: 2000-12-19
PRIOR APPLICATION NUMBER: US 09/514,000
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13351
SEQ ID NO 1929
LENGTH: 902
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1929, Application US/09739449 GENERAL INFORMATION:
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TITLE OF INVENTION: Agrobacterium tumefaciens
FILE REFERENCE: 38-10(15490)C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hinkle, Gregory J. APPLICANT: Slater, Steven C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Agrobacterium tumefaciens FEATURE:
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; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(780)
; OTHER INFORMATION: unsure at all n locations
US-09-739-449-451
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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(69513)
; OTHER INFORMATION: n =
US-60-248-823-16
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LENGTH: 780
TYPE: DNA
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                                                                                                                                 SOFTWARE: FastSEQ for SEQ ID NO 16
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Best Local Similarity 45.0%;
                                                                                                                                                             TITLE OF INVENTION: ISOLATED HUMAN LIPASE PROTEINS, NUCLEIC TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN LIPASE PROTEINS, TITLE OF INVENTION: THEREOF FILE REFERENCE: CL000949

CURRENT APPLICATION NUMBER: US/60/248,823

CURRENT FILING DATE: 2000-11-16

NUMBER OF SEQ ID NOS: 189
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                                                                                ORGANISM: HUMAN
                                                                                                 TYPE: DNA
                                                                                                                LENGTH:
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Pred. No. 0.16;
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US-09-739-449-1234/c
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PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13351
SEQ ID NO 1234
LENGTH: 753
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Best Local Similarity
Matches 179; Conserv
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Best Local Similarity
                                                                                                                                                                                                                                          Matches
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APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens
FILE REFERENCE: 38-10(15490)C
CURRENT APPLICATION NUMBER: US/09/739,449
CURRENT FILING DATE: 2000-12-19
                                                                                                                                                                                                                                                                                                                  -09-739-449-1234
                                                                                                                                                                                                                                                                                                                     NAME/KEY: unsure LOCATION: (1)..(753)
OTHER INFORMATION: unsure at all n locations
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                  cctcgaatttaaagatggtaaagcaaccattaatttaaaacatggggaaagtttaacact 2000
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Pred. No. 0
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; NAME/KEY: unsure
; LOCATION: (1)..(834)
; OTHER INFORMATION: unsure
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SEQ ID NO 2256
LENGTH: 834
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Best Local
                                                                                                                                                                                                                                                                                                                                                                              Matches 196;
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CURRENT FILING DATE: 2000-12-19
PRIOR APPLICATION NUMBER: US 09/514,000
PRIOR FILING DATE: 2000-02-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens
FILE REFERENCE: 38-10(15490)C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Agrobacterium tumefaciens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                   1948
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aaaacggtgactggtttagctggtgacagaactaaagatttccattttgaaattgaatta 1887
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                                                                           ttaccagaaggttattcttaccttgtcaaagaaacagattctgaaggctataaggttaaa
                                                                                                         tttaaagatggtaaagcaaccattaatttaaaacatggggaaagtttaacacttcaaggt
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Best Local :
                                                                                                                                                                                                                                                                                                          Matches
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INFORMATION FOR SEQ ID NO: 320:
SEQUENCE CHARACTERISTICS:
LENGTH: 5897 base pairs
TYPE: nucleic acid
                     1045
                                                             4471 ATTAATGAGATAAAAGAAGAGGCCATGATGTATTTTTAGATTTAAAAACTGCATGATATT
                                                                                                                                        4411 GATGAATCATTATTCGTAAAAGTAGGTATGGAACTTTTTTATCAAGAAGGTCCTCAATTA 4470
                                                                                                                                                                                                                          865 caaacgacttcagtacttattagaaagtatgctataggtgattactctaaattgcttgaa 924
                                                                                                                                                                                                                                                                                                                           Local Similarity
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FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette, 3.50 inch,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Steven C. Barash
Steven C. Barash
Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5255
aattotocagotggttatagtatogoagagocaatcacttttaaggttgaagotggcaaa 1104
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                                                                                    agtaatgatattggagaaagaattgaactatcagatggaacttatactttaactgaattg 1044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/956,171C FILING DATE: 20-Oct-1997 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Hoover, Kenley K. REGISTRATION NUMBER: 40,302
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (301) 610-5790
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER:
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Patrick S. Dillon
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Pred. No. 0.6;
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; LOCATION: (1)..(1131)
; OTHER INFORMATION: unsure at all n locations
US-09-739-449-1953
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15490)C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 1953
LENGTH: 1131
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Best Local Similarity
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CURRENT FILING DATE: 2000-12-19
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                                                                                2081 aagtagcaaatgctacagtttcaaaaacaggaataacaagtgatgagacacttgcttttg 2140
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870 aaaaaaaaaa 879
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RESULT 10
US-09-739-449-8012
; Sequence 8012, Application US/09739449
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.

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APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Ger
FILE REFERENCE: 38-10(15490)C
CURRENT APPLICATION NUMBER: US/09/739,449
CURRENT FILING DATE: 2000-12-19
PRIOR APPLICATION NUMBER: US 09/514,000
PRIOR APPLICATION NUMBER: US 09/514,000
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13351
SEQ ID NO 8012
LENGTH: 723
                                                                  RESULT 11
US-09-739-449-1335
; Sequence 1335, Application US/09739449
; GENERAL INFORMATION:
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; LOCATION: (1)..(723)
; OTHER INFORMATION: u
US-09-739-449-8012
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Best Local Similarity
Matches 197; Conserv
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens
FILE REFERENCE: 38-10(15490)C
CURRENT APPLICATION NUMBER: US/09/739,449
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TYPE: DNA
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                                                                                                                                                                                acaggaataacaagtgatgagacacttgcttttgaaaataataataaga
                                                                                                                                                                                                                                                                                                                                                           acagataaaacagacctcgaatttaaagatggtaaagcaaccattaatttaaaacatggg 1986 | | | | | | | | | | | | | | | | |
                                                                                                                                                                  tctgaaggctataaggttaaagttaatagccaagaagtagcaaatgctacagtttcaaaa
                                                                                                                                                                                                                                                                                  gaaagtttaacacttcaaggtttaccagaaggttattcttaccttgtcaaagaaacagat 2046
                                                                                                                                                                                                                                                                                                                                            ttccattttgaaattgaattaaaaataataagcaagaattgctttctcaaactgttaaa
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                              Sequences and Uses Thereof
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US-09-663-882-1

Sequence 1, Application US/09663882
GENERAL INFORMATION:
APPLICANT: Macinga, David R.
TITLE OF INVENTION: Counter-selection vector
FILE REFERENCE: ID01008 US

for gram

positive

CURRENT APPLICATION NUMBER: US/09/663,882
CURRENT FILING DATE: 2001-09-15
PRIOR APPLICATION NUMBER: US 60/154,694
PRIOR FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 2

SOFTWARE:

PatentIn

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; NAME/KEY: unsure
; LICATION: (1)..(892)
; OTHER INFORMATION: unsure at all n
US-09-739-449-1335
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PRIOR APPLICATION NUMBER: US 09/514,000
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13351
SEQ ID NO 1335
LENGTH: 892
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches 197;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Agrobacterium tumefaciens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                               1627 ttagcagttgctaaaatccttgtagaatacgctcaagatagtaatcctccacagctaact 1686
acaggaataacaagtgatgagacacttgcttttgaaaataataaaga
                                                                                                            gaccttgatttctttattccgaataacaatataaatatcaatctcttattggaactcagtgg 1746
                                                              tctgaaggctataaggttaaagttaatagccaagaagtagcaaatgctacagtttcaaaa
                                                                                                ttccattttgaaattgaattaaaaaataataagcaagaattgctttctcaaactgttaaa
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Pred. No. 0.67;
0; Mismatches 390;
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SEQ

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; FEATURE:
, NAME/KEY: unsure
; LOCATION: (1)..(1250)
; OTHER INFORMATION: unsure at US-09-739-449-1859
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NAME/KEY: -10.signal

LOCATION: (1302)..(1307)

NAME/KEY: -35_signal

LOCATION: (1281)..(1284)

JS-09-663-882-1
                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15490)C
CURRENT APPLICATION NUMBER: US/09/739,449
CURRENT FILING DATE: 2000-12-19
PRIOR APPLICATION NUMBER: US 09/514,000
PRIOR FILING DATE: 2000-02-23
             Query Match
Best Local Similarity
                                                                                                                                                                             NUMBER OF SEQ ID NOS:
SEQ ID NO 1859
LENGTH: 1250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best
 Matches
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LOCATION: (1355)..(2047)
NAME/KEY: RBS
                                                                                                                                                ORGANISM: Agrobacterium
                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Staphylococcus aureus FEATURE:
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LENGTH: 2850
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les 142; Conserv
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               2.0%;
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Pred. No.
               Score 45.6;
Pred. No. 1
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Mismatches
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                             DB 5;
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 407;
                             Length 1250;
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US-08-956-171C-177
; Sequence 177, Application US/08956171C
; GENERAL INFORMATION:
APPLICANT: Charles Kunsch
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patrick S. Dillon
Craig A. Rosen
Steven C. Barash
Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides
NUMBER OF SEQUENCES: 5255
                                         SOFTWARE: ASCII Text CURRENT APPLICATION DATA:
                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences,
                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gaattgctttctcaaactgttaaaacagataaaacaaacctcgaatttaaagatggtaaa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
                                                                                                                                                                                 CITY: Rockville
CLASSIFICATION:
            APPLICATION NUMBER: US/08/956,171C FILING DATE: 20-Oct-1997
                                                                                                                                                   COUNTRY: USA
                                                                                                                                                                   STATE: Maryland
                                                                                                                                                                                              STREET: 9410 Key West Avenue
                                                                                                                                     20850
                                                                                                                                                                                                                                                                                                                                     Charles Kunsch
Gil H. Choi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  571
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PRIOR APPLICATION DATA:

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RESULT 15
US-08-956-171C-918/c
Sequence 918, Application US/08956171C
GENERAL INFORMATION:
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Best Local Similarity 51.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 177: SEQUENCE CHARACTERISTICS: LENGTH: 2841 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1770 tattcgtatggaagataaaaaagaagttatacctgtaactcataatttaacattgagaaa 1829
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                ZIP: 20850

COMPUTER RADABLE FORM:

MEDIUM TYPE: Diskette, 3,50 inch, 1.4Mb storage

COMPUTER: HP Vectra 486/33

OPERATING SYSTEM: MSDOS version 6.2

SOFTWARE: ASCII Text

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/956,171C

FILING DATE: 20-0ct-1997

CLASSIFICATION: <UNKnown>

PRIOR APPLICATION DATA:

OPERATION: STORAGE 26/000.061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         869 AAATCAAGATATGACTTATGTTTCTAA 895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       689 TAAAAATGAAGATGTAATCGTAATTGTTAATAAAATGGATTTAGAGCAAAACATAGATAT 748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    749 TAATGAAGTTAAAGATATGATAGGTGATACGCCATTAATTCAAACTTCAATGTTAAAACA 808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
NAME: HOOVET, Kenley K.
REGISTRATION NUMBER: 40,302
                                                                                                                                                                                                                                                                                                                                                                                                Patrick S. Dillon
Craig A. Rosen
Steven C. Barash
Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
RUMBER OF SEQUENCES: 5255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: PB248P1 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Charles Kunsch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AGAAGGTATTGATGAATTAGAAATACAAATTCGAGATTTGTTCTTTGGTGGAGAAGTACA 868
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                106;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                 CITY: Rockville
                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Human Genome Sciences, Inc. STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (301) 610-57
APPLICATION NUMBER: 60/009,861
                                                                                                                                                                                                                                                                                          STATE: Maryland
                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 610-5790
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 45.4; D
Pred. No. 1.3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 4; Length 2841;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 2.0%;
Best Local Similarity 46.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 136;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 918: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                         1932 taaaacaaaacctcgaatttaaagatggtaaagcaaccattaatttaaaacatggggaaag 1991
                2112 aataacaagtgatgagacacttgcttttgaaaataataaagagcctgttg 2161
                                                                                                                                                                                                                                                                                                                                                                                  1872 ttttgaaattgaattaaaaaataataagcaagaattgctttctcaaactgttaaaacaga 1931
                                                                                                                                                                                                                     1992 tttaacacttcaaggtttaccagaaggttattcttaccttgtcaaagaaacagattctga 2051
                                                                                                                            2052 aggetataaggttaaagttaatageeaagaagtageaaatgetaeagtteaaaaaaagg 2111
697 TACACCTAATGATTTGCCAGGTGTTATTGAAAATGGTGCACAAGGTATCG 648
                                                                                                                                                                             877 CATGATTATCGTAGATGGATTAAATGGTGATGTAATCGTTAATCCAACTGAAGATGAGTT 818
                                                                                                                                                                                                                                                                                                                                                         937 TTTAGAAATTCCAGCAATTGTTGGTACAAAATCAATTACTCAAGAAGTTAAACAAGGCGA 878
                                                                                    757 ACGTGATGCTGATACTGTTACAGTTGATGGTGTTCACGCAGAGCTTGCTGCAAATATTGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: HOOVET, Kenley K.
REGISTRATION NUMBER: 40,302
REFERENCE/DOCKET NUMBER: PB:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 1220 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (301) 610-5790
TELEFAX: (301) 309-8439
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Mismatches 153;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 44.8; D
Pred. No. 1.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PB248P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 1220;
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                  0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                      698
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Search completed: June 6, 2001, 22:11:21 Job time: 7661 sec